I CLAIM:

- 1. A method for treating the disease state in mammals caused by mammalian nasal and sinus cells involved in the inflammatory response comprising: contacting the mammalian nasal and sinus cells with an inflammatory mediator; wherein the inflammatory mediator is present in an amount capable of reducing the undesired inflammatory response and is an antioxidant.
- 2. The method according to claim 1, wherein the inflammatory mediator is formulated into nasal drops.
- 3. The method according to claim 2, wherein the inflammatory mediator is formulated in a concentration of about 0.1mM to 10.0 mM.
- 4. The method according to claim 1, wherein the inflammatory mediator is formulated into a nasal ointment.
- 5. The method according to claim 4, wherein the inflammatory mediator is formulated in a concentration of 0.1mM to 10.0 mM.
- 6. The method of claim 1 wherein the inflammatory response being reduced is at least one of the following: oxygen radical production, hydrogen peroxide production, cytokine and protease production, prostaglandin production, erythema, histamine and interleukin production.

- 7. The method of claim 1 wherein the inflammatory mediator is at least one compound selected from the group consisting of: a pyruvate precursor, pyruvate, and mixtures thereof.
 - 8. The method of claim 7 wherein the inflammatory mediator is pyruvate.
- 9. The method of claim 7 wherein the pyruvate is selected from the group consisting of pyruvic acid, lithium pyruvate, sodium pyruvate, potassium pyruvate, magnesium pyruvate, calcium pyruvate, zinc pyruvate, manganese pyruvate, and mixtures thereof.
- 10. The method of claim 7 wherein the inflammatory mediator is a pyruvate precursor.
- 11. The method of claim 10 wherein the pyruvate precursor is selected from the group consisting of pyruvyl-glycene, pyruvyl-alanine, pyruvyl-leucine, pyruval cysteine, pyruvyl-valine, pyruvyl-isoleucine, pyruvyl-phenylalanine, pyruvamide, dihydroxyacetone, propylene glycol and salts of pyruvic acid.
- 12. The method of claim 1 wherein the disease state is selected from the group consisting of rhinitis, eosiophilia syndrome, and sinusitis.
- 13. The method of claim 1 further comprising contacting the mammalian nasal and sinus cells with a therapeutic agent.
- 14. The method of claim 13 wherein the therapeutic agent is administered prior to the inflammatory mediator.

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- 15. The method of claim 13 wherein the therapeutic agent is administered concomitantly with administration of the inflammatory mediator.
- 16. The method of claim 13 wherein the therapeutic agent is administered after administration of the inflammatory mediator.
- 17. The method of claim 13 wherein the therapeutic agent is one or more agents selected from the group consisting of antibacterials, antivirals, antifungals, antihistamines, proteins, enzymes, hormones, nonsteroidal anti-inflammatories, cytokines, insulin, vitamins and steroids.
- 18. The method of claim 13 wherein the therapeutic agent is oxymetazoline.
 - 19. A nasal solution, comprising:
 - a) water,
 - b) sodium chloride, 0.65% by weight,
 - c) pyruvate, at least 0.1mM,
 - d) buffer, and optionally
 - e) a preservative.

wherein the nasal moisturizing saline solution is buffered and made isotonic.

20. The nasal solution of claim 19, wherein the pyruvate is present in the solution at a concentration between from about 0.1mM to about 10mM.

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- 21. The nasal solution of claim 19, wherein the pyruvate is present in the solution at a concentration between from about 0.5mM to about 10mM.
- 22. The nasal solution of claim 19, wherein the buffer is selected from the group consisting of sodium bicarbonate, disodium phosphate/sodium phosphate, and monobasic potassium phosphate/sodium hydroxide.
- 23. The nasal solution of claim 19, wherein the preservative is selected from the group consisting of phenylcarbinol, benzalkonium chloride, and thimerosal.
- 24. The nasal solution of claim 19, wherein the pyruvate is present in the solution at a concentration of about 5mM, the buffer is sodium bicarbonate.
- 25. The nasal solution of claim 19 further comprising a therapeutic agent wherein the therapeutic agent is one or more agents selected from the group consisting of antibacterials, antivirals, antifungals, antihistamines, proteins, enzymes, hormones, nonsteroidal anti-inflammatories, cytokines, insulin, vitamins and steroids.

- 26. The method of claim 13 wherein the therapeutic agent is oxymetazoline.
- 27. A method for the prevention and/or treatment of rhinitis, eosinophilia syndrome, sinusitis and related conditions associated with nasal congestion, comprising administering a nasal solution to the nostrils of a patient in need thereof, wherein the nasal moisturizing saline solution comprises:

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- a) water,
- b) sodium chloride, 0.65% by weight,
- c) pyruvate, at least 0.1mM,
- d) buffer, and optionally
- e) a preservative.

wherein the nasal moisturizing saline solution is buffered and made isotonic.

- 28. The method of claim 27, wherein the pyruvate is present in the solution at a concentration between from about 0.1mM to about 10mM.
- 29. The method of claim 27, wherein the buffer is selected from the group consisting of sodium bicarbonate, disodium phosphate/sodium phosphate, and monobasic potassium phosphate/sodium hydroxide.
- 29. The method of claim 27, wherein the preservative is selected from the group consisting of phenylcarbinol, benzalkonium chloride, and thimerosal.
- 30. The method of claim 27, wherein the pyruvate is present in the solution at a concentration of about 5mM, the buffer is sodium bicarbonate, and the preservative is phenylcarbinol.